

Receiving Report

Date: 3-8-21

Batch No: 1266047

Supplier: Thyssenkrupp

Dart P/O: 20941

Packing Slip: Yes No
 Invoice: Yes No
 Receipt: Cash Cr

Release Note Attached: Yes No N/A
 Waybill Attached: Yes No
 Shipment Complete: Yes No N/A
 QC6 Inspection DAS
 Work Order 16
9-89 3log2

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments
M304B0.625X3.000 304BAU.625X3.00						

Initials of receiver (if shipment OK) Level 12 SP

Production/Admin:

Date 3-8-21

Received/Costing:

Initial SP

Location

Purchase Order Receipt Listing

Wednesday, August 21, 2013 8:35:31 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO20941 Receipt Dates from 8/21/2013 to 8/21/2013 All Line Item Types
 All Item ID/GL/WOs All Rec. Employees All Currencies
 Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date	Recv Date/ Recv Emp	Recv Qty	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID/	Vendor Name	VC-COP001	Thyssenkrupp Materials CA Ltd								
PO20941	3		M304R1.250 f		8/22/2013	8/21/2013	12.0000	\$8.11	0.0000	0	\$97.35
CAD	No		304 round bar 1.250 f			12.0000	DESJ02		0.0000	0	
			m126647								
	4		M304SI8GA sf		8/22/2013	8/21/2013	256.0000	\$3.12	0.0000	0	\$798.24
	No		304/316.050 Sheet sf			256.0000	DESJ02		0.0000	0	
			m126647								
	5		M6061T6B0.500X06. f 000		8/22/2013	8/21/2013	36.0000	\$6.80	0.0000	0	\$244.62
	No		6061-T6 Bar .500 x f 6.00			36.0000	DESJ02		0.0000	0	
			m126647								
	6		M6061T6B0.750X00. f 750		8/22/2013	8/21/2013	12.0000	\$2.43	0.0000	0	\$29.21
	No		6061-T6 Bar .750 x f .750			12.0000	DESJ02		0.0000	0	
			m126647								
	7		M6061T6B0.250X06. f 000		8/22/2013	8/21/2013	48.0000	\$3.38	0.0000	0	\$162.42
	No		6061-T6 Bar .250 x f 6.00			48.0000	DESJ02		0.0000	0	
			m126647								
	8		M6061T6B0.750X01. f 500		8/22/2013	8/21/2013	96.0000	\$2.46	0.0000	0	\$236.44
	No		6061-T6 Bar .750 X f 1.50			96.0000	DESJ02		0.0000	0	
			m126647								
	9		M6061T6B0.750X02. f 000		8/22/2013	8/21/2013	12.0000	\$3.39	0.0000	0	\$40.69
	No		6061-T6 Bar .750 x f 2.00			12.0000	DESJ02		0.0000	0	
			m126647								

Purchase Order ID/ Curr Type	Line Nbr/ Insp	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
PO20941	10	VC-COP001	Thyssenkrupp Materials CA Ltd	M6061T6B1.250X01. f 250	8/22/2013 8/21/2013	24.0000		\$3.39 0.0000	0.0000	0	\$81.38
CAD	No			6061-T6 Bar 1.25 x f 1.25		24.0000 DESJ02		\$81.38 0.0000	0.0000	0	

Total Received Quantity:

Total Qty to Inspect (PO U/M): 496.0000

Total Reject Quantity: 0.0000

Total Receipt Value: 0.0000

Total Balance Due Quantity: 0.0000

42
BILL OF LADING

Ship From:

THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

No: PEC 836872

Ship Date 19Aug13 at 14:41 From PFW

Probill

Via VIM TRANSFER

FOB CONCORD

Frt PREPAID

Route 0-0 Manifest

Vhcle Trailer

Slip STAN IVERS (905-532-1350)

Sold To: (20115)

DART AEROSPACE

1270 ABERDEEN ST

HAWKESBURY, ON K6A 1K7

Ship To: (1)

DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

BILL OF LADING

1) Our Order PEC-596560-1 Your PO # 20941
STAINLESS STEEL ROUND BAR 304L
1.250" DIA X 144.0000"

Heat Number H8J4 Tag No 208380

Quantity 12 FT PCS 1 Wt LBS 53

2) Our Order PEC-596560-2 Your PO # 20941
STAINLESS STEEL SHEET 304-2B
.0480 Nom X 48.0000" X 96.0000"

Heat Number 300747 Tag No 208562

Quantity 256.00 SFT PCS 8 Wt LBS 513

3) Our Order PEC-596560-3 Your PO # 20941
ALUMINUM FLAT BAR 6061-T6511
.50" X 6.00" X 144.0000"

Heat Number C7331366 Tag No 208381

Quantity 36 FT PCS 3 Wt LBS 128

4) Our Order PEC-596560-4 Your PO # 20941
ALUMINUM SQUARE BAR 6061-T6511
.750" X 144.0000"

Heat Number 21466608 Tag No 208382

Quantity 12 FT PCS 1 Wt LBS 8

5) Our Order PEC-596560-5 Your PO # 20941
ALUMINUM FLAT BAR 6061-T6511
.250" X 6.00" X 144.0000"

Heat Number 21067 Tag No 208383

Quantity 48 FT PCS 4 Wt LBS 86

Page: 1Continued

10/10/13
VBDC 1554

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ETRE
RAPPORTERES IMMEDIATEMENT.
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY.
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

B I L L O F L A D I N G

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship To: (1)
DART AEROSPACE

I N G No: PEC 836872
Ship Date 19Aug13 at 14:41 From PFW
Probill
Via VIM TRANSFER
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

B I L L O F L A D I N G

6) Our Order PEC-596560- 6 Your PO # 20941
ALUMINUM FLAT BAR 6061-T6511
.750" X 1.50" X 144.0000"

Quantity PCS Wt LBS
96 FT 8 127

7) Our Order PEC-596560- 7 Your PO # 20941
ALUMINUM FLAT BAR 6061-T6511
-750" x 2.00" X 144.0000"

Quantity PCS Wt LBS
12 FT 1 21

8) Our Order PEC-596560- 8 Your PO # 20941
ALUMINUM SQUARE BAR 6061-T6511
1 250" X 144 0000"

Quantity PCS Wt LBS
24 FT 2 44

	Tags	PCS	LBS
TOTAL:	8	28	980

21067
21404
21466608
21511
300747
C7331366
H8J4

ADD ON TO

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT

Page: 2Continued

**TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.**

EBBOBSOB SHOTGAGE MUST BE REBORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT
MERCCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

B I L L O F L A D I N G

No: PEC 836872

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 19Aug13 at 14:41 From PFW
Probill
Via VIM TRANSFER
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **

** REFERENCED ON IT **

TOTAL OF 1 SKID, 1 BDL GR.W. 991 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.*** 9:00 AM TO 4:00 PM ***

**** TEL. 800-926-2600 ****

***** WE STOCK STAINLESS STEEL *****

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***** PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE ADDED TO EVERY ORDER.***

Page: 3 Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMÉRO D'APPROBATION SEULEMENT
MERCANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
STAINLESS STEEL ROUND BAR 304L

1.250" DIA X 144.000" PART NO.

PO/Rel 20941

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.



METALLURGICAL TEST REPORT

NORTH AMERICAN STAINLESS
6870 HIGHWAY 42 EAST
GLEN, KY 41045

6870 HIGHWAY 42 EAST

Certificate: 8554997 Mail To:

THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Your Order: PEC249529

NAS Order: PN 0029887 09

Corrosion: ASTM A262-10 P1AC A/E OK

REMARKS:

COMPLIES W/REQUIREMENTS OF DIAE 252.225-7014A-1 EU DIRECTIVE
2011/65/EU. ROHS. EAP+AOUD-CC. NO WELD REPAIR. MELTED AND MFG
IN USA. FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

12
S 100
M

Finish-S

Date: 7/29/2013 Page: 1

Steez: 304/304L

Product Id	skid #	Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
BF5595 5		1.2500		1.172	144.00	15	1	

CHEMICAL ANALYSIS

CM(Country of Mfg) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

Chemical Analysis per ASTM A751/08

HEAT	CM	C %	CO %	CR %	CU %	NI %	MO %	N %	NI %	P %
BF5595 4	US	.0164	.2065	18.0675	.3755	1.5725	.3060	.0116	8.5160	.0295

S % SI %

.0171 .2765

MECHANICAL PROPERTIES

Product Id	1.4 o 1 c x	HB No.	210S KSI	UTS KSI	RA %	EL% % AD
BF5595 5	R L	166.00	53.93	99.41	69.08	72.49

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy
of the test methods used, the material meets the specifications stated. These results relate only to the items
tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
ALUMINUM FLAT BAR 6061-T6511

50" X 6.00" X 144.000" PART NO.

EXTRUDEX

ALUMINUM

TEL: (416)745-4444 FAX:(416)745-0925 1-800-668-7210

411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4

<http://www.extrudex.com>

Signed by: _____
PO/Rel 20941

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-836872-003

19Aug13
Pg 1/1

BILL TO		CUST. PO		ALLOY		TEMPER		SALESMAN		PART DESCRIPTION		CERTIFICATION	
THYSSENKRUPP MATERIALS, NA		1		S		4652		7/17/2013		159425 — 1		MADE IN CANADA	
THYSSENKRUPP MATERIALS, NA		PEC-249935		6061		T6511		FORBES DODWELL		MILL TEST ASTM B221-12			
SO Description 500"X6" FB		1-500-6000											

Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness	Conductivity
A.11	6061	Jul/12/13	49.7	44.2	14.50	90,7,91,3,91,0	

Chemical Composition		Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Si	Cr	Al	Other
Cast Number C733136		0.62	0.16	0.20	0.01	0.88	0.06	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.

David Natale

Quality Control Manager

1 - CUSTOMER COPY

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
ALUMINUM FLAT BAR 6061-T6511
250" x 6.00" x 144.000"

PART NO.

PO/Rel 20941
We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

EXTRUDEX

ALUMINUM

MILL TEST ASTM B221-12

BILL TO	THYSSENKRUPP MATERIALS NA	SHIP TO	THYSSENKRUPP MATERIALS NA
Customer Name	1	Customer Name	SO Description
Customer PO	PEC-249405	Customer PO	250" x 6" FB
Customer Part Number	1-250-6000	Part Description	

EXTRUDEX ORDER NO. 158672 - 1
MANIFEST NO. 289789
DATE OF SHIPMENT 6/21/2013
SALESMAN FORBES DODWELL
ALLOY 6061 TEMPER T651
CERTIFICATION MADE IN CANADA
MILL TEST ASTM B221-12

Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness	Conductivity
A.11	6061	Jun/19/13	41.2	37.7	14.30	86.8, 86.5, 86.9	

Chemical Composition

Cast Number	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Si	Cr	Al	Other
21067	0.54	0.216	0.199	0.061	0.83	0.045	0.00	0.013	0.015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6061																				

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.

David Natale
Quality Control Manager

1 - CUSTOMER COPY

MILL TEST ASTM B221-12

Certificate of Mill Test Results
BL.PEC-836872-005
19Aug13
Pg 1/1

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
ALUMINUM FLAT BAR 6061-T6511

750" X 2.00" X 144.0000"

PART NO.

PO/Ref 20941

We certify that this is a true copy of the report
furnished by the producer of the metal or data
resulting from tests made in approved labs.

EXTRUDEX

ALUMINUM

MILL TEST ASTM B221-12

BILL TO	THYSSENKRUPP MATERIALS NA	SHIP TO	THYSSENKRUPP MATERIALS, NA
SO DESCRIPTION	750"X2" B	CUSTOMER PO	PEC-249405
CUSTOMER PART NUMBER	1-750-2000	ALLOY	6061
PART DESCRIPTION	T6511	TEMPER	FORBES DODWELL
EXTRUDEX ORDER NO. 158672 - 2 MANIFEST NO. 289789			
MADE IN CANADA			
MILL TEST ASTM B221-12			

Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness	Conductivity
A.11	6061	Jun/19/13	42.7	39.2	15.40	88.4, 88.0, 88.7	

Chemical Composition

Cast Number	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Al	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Ca	Al	Other
24067 6061	0.54	0.216	0.199	0.061	0.83	0.045	0.00	0.013	0.015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.

Certificate of Mill Test Results
ELI PEC-836872-007
19Aug13
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TEL: (416)745-4444 FAX:(416)745-0925 1-800-668-7210
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4
<http://www.extrudex.com>

ELI PEC-836872-007

19Aug13
Pg 1/1


David Natale

Quality Control Manager

1 - CUSTOMER COPY

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL SHEET 304-2B
.0480 Nom X 48.0000" X 96.0000"
PART NO.

PO/Rel 20941

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-836872-002

19Aug13

Pg 1/1

Signed by: *[Signature]*

Manufacturer / Fabricante / Herstellerwerk OUTOKUMPU Outokumpu Stainless USA		Type of document / Tipo de documento / Art der Prübscheinigung INSPECTION CERTIFICATE CERTIFICADO DE INSPECCION ABNAHMEPRÜFZEUGNIS according to / de acuerdo con / nach EN 10204-3.1		Document number / Nº de certificado / Reischeinigungs-Nr. 0000045408 / Page / Pagina / Seite: 1 / 1									
1 ThyssenKrupp Drive; P.O. Box 13000; Calvert, AL 36513-1300 GLOBAL STAINLESS STEEL INC. 1150 MEYERSIDE DRIVE MISSISSAUGA ON L5T 1J4 CANADA <i>S 308121</i>		Customer/Ship to / Cliente / Besteller/Empfänger GLOBAL STAINLESS STEEL INC., MISSISSAUGA Customer's order number / N° de Pedido Cliente / Kundenauftrags-Nr. 100192 Manufacturer's works order no. / N° de Pedido Manufactura / Werksauftrags-Nr. 901153446 / 001 Delivery note no. / N° de Entrega / Lieferanzeige-Nr. 85243083 / 010 Product / Producto / Erzeugnis SHEET/HOJAS/BLECH		Customer/Ship to / Cliente / Besteller/Empfänger GLOBAL STAINLESS STEEL INC., MISSISSAUGA Customer's order number / N° de Pedido Cliente / Kundenauftrags-Nr. 100192 Manufacturer's works order no. / N° de Pedido Manufactura / Werksauftrags-Nr. 901153446 / 001 Delivery note no. / N° de Entrega / Lieferanzeige-Nr. 85243083 / 010 Product / Producto / Erzeugnis SHEET/HOJAS/BLECH									
Terms of delivery / Condiciones de entrega / Lieferbedingungen ASTM A240/A240M, ASME SA-240 Sec.II Part A Ed.2010 ASTM A480/A480M, ASME SA-480 Sec.II Part A Ed.2010													
Customer's material no./ Nº de material del cliente/ Kundenmaterial-Nr.		Product dimensions (Thickness / Width / Length) / Dimensiones (Espesor / Ancho / Largo) / Maße des Erzeugnisses (Dicke / Breite / Länge)		Steelmaking procedure/ Proceso de manufactura/ Herstellart									
		1.22 mm x 1,210.20 mm x 2,438.40 mm 0.0480 inch x 48.0000 inch x 96.0000 inch		AOD									
Packing-Nr./ Nº de Empaque/ Paket-Nr.		No.of pieces/ Piezas/ Stockzahl		Actual weight/ Peso actual/ Ist-Gewicht	Coil No./ Bobina No./ Band-Nr.								
6033527		70		4,165 lb / 1,889 kg	709244								
Sum / Suma / Summe		70		4,165 lb / 1,889 kg	300747								
Heat / Cocida / Schmelze		Country of heat / País de cocción / Erschmelzungsland		Chemical composition / Composición Química / Chemische Zusammensetzung									
300747		ITA		% C	% Si	% Mn	% P	% S	% Cr	% Mo	% Ni	% N	% Cu
				0.025	0.31	1.88	0.030	0.0010	18.04	0.22	8.07	0.056	0.28
Sample Position/ Lugar de la muestra/ Probenlage		TRANSVERSE											
Inspection lot/ Lote de Inspección/ Prüflots		YS0.2% PSI / MPa	TS PSI / MPa	E. A2 nd %	HRB								
1000045340		38,433 / 265	92,385 / 637	58.1	82						OK		
1000045341		40,319 / 278	92,385 / 637	57.8	82						OK		
Dimensions-Surface / Dimensionen-Superficie / Maße-Oberfläche:													
Test of identity (spectrum analysis) / Control de identidad (análisis espectrográfico) / Verwechslungsprüfung (Spektralanalyse):													
HEAT - TREATMENT :1920°F/AIR													
No weld repairs													
No intentional additions of Mercury compounds were made or used													
Free of radioactive contamination													
EU RoHS Directive 2011/65/EU Compliant													
Product manufactured in the USA													
Country of Heat as per ISO 3166-1													
Originator of the document / Originador del documento / Aussteller der Prübscheinigung		The information provided is a true copy of data on file / Los valores mostrados corresponden a los datos archivados / Die genannten Werte entsprechen den gespeicherten Daten										Date of Issue and validation / Fecha de emisión y validación / Datum Ausstellung / Bestätigung	
Outokumpu Stainless USA, LLC		<i>[Signature]</i>										05/20/2013	
An ISO 9001: 2008 certified company		Andrew Fauckett Phone: +1 251 829 3492											
Certificate is generated automatically / Certificado es generado automáticamente / Das Zeugnis wurde elektronisch erstellt		Name of expert / Nombre del Experto / Name des Sachverständigen											

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM SQUARE BAR 6061-T6511
1/2" X 144.000"
PART NO.

PO/Rel 20941

Signed by: _____

BL PEC-336872-004

19Aug13

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Sapa

Sapa Industrial Extrusions
53 POTTSVILLE STREET
CRESSONA, PA

17929-0187

Sapa Extrusions Inc., a Subsidiary of Sapa AB

Invoice To Customer

THYSSENKRUPP MATERIALS NA, INC

2821 LANGSTAFF ROAD

ATTN: ACCOUNT PAYABLE

CONCORD, ON - L4K 5C6

Ship To Customer

THYSSENKRUPP MATERIALS NA, INC

2821 LANGSTAFF ROAD

CONCORD, ON - L4K5C6

6/21/2013

Certified Inspection Report

Sales Order Number	Line No.	Customer P#	PFC-50124-001	Cert Number	Page
				SAPA04245	Page
				Cert & Creation Date	1 of 2
1100631881	1			23-JUL-13	23-JUL-13

Quantity Shipped	Date Shipped	Item Description	Spec/Revision
508	23-JUL-13	0.250 SQ (44.00 IN LN) FIN M MILL WF 0.682 F 04 CS 11 6061/16511 Marking CONTINUOUS;	ASTM B221 R/PV 13 AMS-QDA-2008 REV 1997 ASME B221 REV 09 UNS#A96161 REV
ML		Item No.	
444838		C03363646	
Delivery to		Item No. Rev	
4448318			
Customer Part No.			
.755 Q			

Applicable Specifications, Revisions and Exceptions

19.05MM SQUARE BAR

COMPOSITION NOTE: The values for 'Others Each' and 'Others Total' have met the limits as shown on this certified inspection report. Remainder is Aluminum.

Signature And Title

William T. Martin, III

William Martin III
Tech/Quality Manager

23-JUL-13

Legal Statement
We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected, and tested in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material and the composition and had the mechanical properties shown on the face of this certification. Also, note that mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior written approval of our Quality Assurance Dept.

Quantities per Lot / Packages

Lot Number	Quantity	UOM	Weight
			Spec
			Actual
21466508	64	PCs	514
G12-PKG1994130			508

Composition Limits

Element	Spec	Conc.	Max	Min	Spec	Conc.	Max	Min	Spec	Conc.	Max	Min
Alloy	81	81	81	81	Cr	0.15	0.20	0.04	Cr	0.15	0.20	0.04
Min.	Min.	Min.	Min.	Min.	Max.	Max.	Max.	Max.	Max.	Max.	Max.	Max.
0.60	0.40	0.80	—	0.70	0.15	0.40	—	0.15	0.80	1.20	0.04	0.35

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
ALUMINUM SQUARE BAR 6061-T6511

1.250" X 144.000"
PART NO.

PO/Rel 20941

We certify that this is a true copy of the report
furnished by the producer of the metal or data
resulting from tests made in approved labs.

Signed by: _____

Certificate of Mill Test Results

BL-PHC-836872-008

19Aug13
Pg 1/1

EXTRUDEX

ALUMINUM

TEL: (416)745-4444 FAX:(416)745-0925 1-800-668-7210
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4
<http://www.extrudex.com>

MILL TEST ASTM B221-12

BILL TO	THYSSENKRUPP MATERIALS.NA	Part Code:	1	DIE NUMBER	4763	DATE OF SHIPMENT	8/2/2013	EXTRUDEX ORDER NO.	159959 — 2	MANIFEST NO.	292311
SHIP TO	THYSSENKRUPP MATERIALS.NA	CUSTOMER PO	PEC-250355	ALLOY	6061	TEMPER	T6511	SALESMAN	FORBES DODWELL	CERTIFICATION	MADE IN CANADA
SO DESCRIPTION		3-1250		PART DESCRIPTION		MILL TEST ASTM B221-12					

Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness	Conductivity
A.11	6061	Jul/30/13	44.0	41.1	12.50	90.3, 90.0, 90.5	

Chemical Composition	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Si	Co	Al	Other
A.11	0.58	0.235	0.267	0.077	0.84	0.048	0.00	0.007	0.012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.

David Natale
Quality Control Manager

1-CUSTOMER COPY

MILL TEST ASTM B221-12

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
ALUMINUM FLAT BAR 6061-T6511

.750" X 1.50" X 144.00000
PART NO.

P.O/Rel 20941
We certify that this is a true copy of the report
furnished by the producer of the metal or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-836872-006

19Aug13
Pg 1/1

EXTRUDEX

ALUMINUM

TEL: (416)745-4444 FAX:(416)745-0925 1-800-668-7210

http://www.extrudex.com

411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4

MILL TEST ASTM B221-12

BILL TO		1	Cart. Code:	DIE NUMBER	DATE OF EXTRUSION	EXTRUDEX ORDER NO.	MANIFEST NO.
THYSSENKRUPP MATERIALS, NA		1	0.72	S 4969	8/12/2013	159998 — 10	292797
SHIP TO		CUSTOMER PO		ALLOY	TEMPER	SALESMAN	
THYSSENKRUPP MATERIALS, NA To description .750" X 1.5" FB		PEC-250379		6061	T6511	FORBES DODWELL	
CUSTOMER PART NUMBER		PART DESCRIPTION		CERTIFICATION		MADE IN CANADA	
1-750-1500						MILL TEST ASTM B221-12	

Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness	Conductivity
A.11	6061	Aug/08/13	45.0	41.4	16.00	86.1, 86.5, 86.7	

Chemical Composition

Cast Number	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Si	Co	Al	Other
21511	0.58	0.209	0.196	0.058	0.82	0.043	0.00	0.0090	0.014	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6061																				

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.

David Natale

Quality Control Manager

1 - CUSTOMER COPY



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO20941**

Purchase Order Date 8/15/2013

PO Print Date 8/16/2013

Page Number 1 of 4

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

REvised QTY

Contact Name
Vendor Phone 905 669 9444

Ship To Contact
Ship To Phone
Ship Via: Yours ppd
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Promise Date	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
2	M304B0.625X3.000	304 BAR .625 X 3.00	8/30/2013 Yes 8/30/2013			10.00 f	\$18.70	\$187.00
		MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE				<i>X - No!</i>		
3	M304R1.250	304 round bar 1.250	8/22/2013 Yes 8/22/2013			12.00 f	\$8.33	\$100.00

MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276
NOTE: AISI 303 NOT ACCEPTABLE

PO Instructions: NO: PEC ST-595990

Note:



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO20941**

Purchase Order Date 8/15/2013

PO Print Date 8/16/2013

Page Number 2 of 4

Order From : VC-COP001
THYSSENKRÜPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905 669 9444

Ship To Contact
Ship To Phone
Ship Via: Yours ppd
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA - (Free Carrier)

4	M304S18GA	304/316 .050 Sheet	8/22/2013	✓ 256.00	\$3.20	\$819.97
			Yes	sf		
			8/22/2013			

MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER
MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR
ASTM A240 OR ASME SA240

5	M6061T6B0.500X06.000	6061-T6 Bar .500 x 6.00	8/22/2013	✓ 36.00	\$6.98	\$251.28
			Yes	f		
			8/22/2013			

MATERIAL: 6061-T6/T651/T6510/T6511/62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221

6	M6061T6B0.750X00.750	6061-T6 Bar .750 x .750	8/22/2013	✓ 12.00	\$2.50	\$30.00
			Yes	f		
			8/22/2013			

MATERIAL SPEC'S SAME AS ABOVE

SP13-8-21
SP13-8-21
Line Total: \$30.00

PO Instructions: NO: PEC ST-595990

Note:



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO20941**

Purchase Order Date 8/15/2013

PO Print Date 8/16/2013

Page Number 3 of 4

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905 669 9444

Buyer Chantal Lavoie

Ship To Contact
Ship To Phone
Ship Via: Yours ppd
Ship Acct:

Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA - (Free Carrier)

7	M6061T6B0.250X06.000	6061-T6 Bar .250 x 6.00	8/22/2013	48.00	\$3.48	\$166.84
			Yes	f		
			8/22/2013			

MATERIAL SPEC'S SAME AS ABOVE

Line Total: \$166.84

8	M6061T6B0.750X01.500	6061-T6 Bar .750 X 1.50	8/22/2013	96.00	\$2.53	\$242.88
			Yes	f		
			8/22/2013			

MATERIAL SPEC'S SAME AS ABOVE

Line Total: \$242.88

9	M6061T6B0.750X02.000	6061-T6 Bar .750 x 2.00	8/22/2013	12.00	\$3.48	\$41.80
			Yes	f		
			8/22/2013			

MATERIAL SPEC'S SAME AS ABOVE

Line Total: \$41.80

PO Instructions: NO: PEC ST-595990

Note:



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO20941**

Purchase Order Date 8/15/2013

PO Print Date 8/16/2013

Page Number 4 of 4

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905 669 9444

Buyer Chantal Lavoie

Customer POID

10127-2607

Customer Tax #

Net 30

Terms

CAD

Currency

FOB FCA - (Free Carrier)

10	M6061T6B1.250X01.250	6061-T6 Bar 1.25 x 1.25	8/22/2013	24.00	\$3.48	\$83.60
			Yes	f		
			8/22/2013			

MATERIAL SPEC'S SAME AS ABOVE

Line Total: \$83.60

PO Total: \$1,923.36

PO Instructions: NO: PEC ST-595990

Note: Pricing listed above is as per contract agreement between Dart Aerospace and the respective manufacturer.

No substitution or deviation without consent.

Certificate of Conformity or Material Certification required - YES NO

PST# 6122-5207

Change Nbr: 2

Change Date: 8/16/2013